



**BY ELECTRONIC MAIL**

July 22, 2016

Ms. Susan Mackert  
Department of Environmental Quality  
Northern Regional Office  
13901 Crown Court  
Woodbridge, VA 22193

**RE: Dominion Possum Point Power Station VA0002071  
Outfall 503 Weekly Discharge Monitoring and Site Activity Report**

Ms. Mackert:

Dominion is submitting this letter in accordance with Part I.A.4.(5) of the subject permit. Results of discharge sampling for Outfall 503 conducted during the week of July 10 – 16, 2016 are included on the enclosed Weekly Compliance Sampling Summary. In addition, a progress report summarizing the status of activities to the CCR Surface Impoundment Closure Project is attached with this report.

If you have any questions or need additional information, please contact Jeff Marcell at (703)-441-3813.

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Sincerely,

Jeffrey C. Heffelman  
Station Director

# **WEEKLY COMPLIANCE SAMPLING SUMMARY**

Facility Name:	POSSUM POINT POWER STATION	Sample Week:	07/10/16 - 07/16/16
Permit Number:	VA0002071	Report Due Date:	7/22/2016
Outfall Number:	503		

Parameter	Units	Frequency	Sample Date		Daily Maximum Limitation	7/11/2016		7/13/2016		7/15/2016
			Permit QL	Analytical Report Date		Result	7/15/2016 <sup>1</sup>	Result	7/18/2016	NA
Flow	MGD	Weekly	NA		2.88	1.109		0.795		0.757
pH*	S.U.	Weekly	NA		NA	7.54		7.86		NS
Total Suspended Solids	mg/L	Weekly	1.0		100	< QL		< QL		NS
Oil & Grease	mg/L	Weekly	NA		20	< 5.0		< 5.0		NS
Antimony, Total Recoverable	ug/L	Weekly	5.0		1300	< QL		< QL		NS
Arsenic, Total Recoverable	ug/L	Weekly	5.0		440	< QL		< QL		NS
Cadmium, Total Recoverable	ug/L	Weekly	0.88		2.6	< QL		< QL		NS
Chromium III, Total Recoverable	ug/L	Weekly	5.0		160	< QL		< QL		NS
Chromium VI, Total Recoverable	ug/L	Weekly	5.0		32	< QL		< QL		NS
Copper, Total Recoverable	ug/L	Weekly	5.0		18	< QL		< QL		NS
Lead, Total Recoverable	ug/L	Weekly	5.0		26	< QL		< QL		NS
Mercury, Total Recoverable	ug/L	Weekly	0.1		2.2	< QL		< QL		NS
Nickel, Total Recoverable	ug/L	Weekly	5.0		44	< QL		< QL		NS
Selenium, Total Recoverable	ug/L	Weekly	5.0		15	6.1		6.0		NS
Silver, Total Recoverable	ug/L	Weekly	0.4		4.0	< QL		< QL		NS
Thallium, Total Recoverable	ug/L	Weekly	0.47		0.94	< QL		< QL		NS
Zinc, Total Recoverable	ug/L	Weekly	25		180	< QL		< QL		NS
Chloride	ug/L	Weekly	NA		670,000	63,000		94,700		NS
Hardness, Total (as CaCO3)	mg/L	Weekly	NA		NL	128		164		NS

**Notes:**

\*pH values must remain between a minimum of 6.0 S.U. and a maximum of 9.0 S.U. at all times. pH values are measured in the field

Analytical results below the Permit Quantification level (QL) are to be reported as "<QL", as required in Section I.C.2 of the Permi

QL = Quantification Level

NA = Not Applicable

NL = No Limitation, monitoring required

NS = No sample. A sample was not collected on 7/15/2016 because there was no discharge from Outfall 503 at the scheduled sampling time due to unscheduled treatment system downtime and required maintenance.

<sup>1</sup> A contract is in place to receive results for parameters identified in the VPDES permit with a monitoring frequency of "3/M" within four business days of taking the sample. The original analytical report for this sampling event was received on 7/13/2016. Due to an incorrect Matrix Spike/Matrix Duplicate concentration for Chloride on the Quality Control Data sheet, a revised report was provided on 7/15/2016.

## **Dominion – Possum Point Power Station**

### **CCR Impoundment Closure Project**

#### **Weekly Status Report**

##### **Activities for the Week Ending: 7/16/16**

- Discharge of approximately 4.51 MG of Wastewater Treatment System treated water via outfall 503.
- The Wastewater Treatment system was shut down on July 15 pending a change to the approved Concept Engineering Report (CER) needed to optimize treatment system operation.

##### **Ongoing Activities**

- Pumping of water from Ponds A, B, C and E to Pond D.
- Excavating of dry ash from Pond E within the pond footprint to facilitate loading operations.
- Transport of ash from Pond E to Pond D.
- Stock piling of dry ash from Ponds A, B, and C within the pond footprint to facilitate future loading operations.

##### **Look Ahead**

- Prepare revised CER for submittal to DEQ to incorporate operational efficiencies that have been identified over the last several months of treatment operation. The system will remain shut down until a revised CER is approved to allow system enhancements.